

硬胶囊外观缺陷光学自动检测设备



- 可实现透明胶囊、半透明胶囊、有色胶囊、植物胶囊等所有检测。
- 检测效率高,最小检测速度为 12 万粒 / 小时。
- 可实现胶囊 360 度全检,包括胶囊两头,无盲区,准确率高。
- 可实现检测标准分级,客户自行选择胶囊缺陷检测标准以适应不同质量要求。
- 操作界面采用工业触摸屏,操作简易,降低了对工人文化水平的要求。
- 采用进口气动元件,使用寿命是国产气动元件的三倍。
- 采用最新嵌入式无风扇工业计算机,体积小,消除因环境因素造成的计算机死机故障。
- 影像系统和传动系统电气隔离,并采取电气双保险,以保证精密元器件不受损坏。
- 能够 24 小时连续生产。

Automatic Optical Inspection Equipment for Hard Capsule Appearance Defects

- Fit for transparent capsules, semi-transparent capsules, color capsules, and plant capsules.
- High inspecting efficiency, the maximum value of inspecting speed as of 150,000pcs per hour.
- Inspect by 360 degree all-round, covering both ends of capsule, no blind area and high accuracy.
- Changeable inspection standards to meet customers' individual needs.
- User friendly industrial touch screen interface is adopted for easy operation.
- Reliable imported pneumatic components are used, and the service life is three times longer than local counterpart.
- Adopt the latest embedded no-fan industrial computer with small volume, to avoid computer crash caused by environmental factors.
- Separate image system and drive system, with double layers of electrical protection, to protect precise components from broken.
- Enable to run 7*24 hours continuously.

技术指标 Technical Specifications

检测项目 Inspection Items	黑斑、气泡、破口、破洞、裂缝、切丝、双套、帽短、帽长、短体、长体、异物、厚薄不均、单片、生胶、混料、皱皮、梅花头、顶凹、变形、混色等。 Black spots, bubble, nick, holes, crack, shred, double caps, short cap, long cap, short body, long body, foreign bodies, uneven surface, single piece, crude rubber, mixed-up material, wrinkled coat, wobbler, dents on the top, deformation, mixed-up colors etc.		
检测规格 Detection Specifications	00#、0#、1#、2#、3#、4#		
检测精度 Minimum Defects Size	0.05mm	平均无故障时间 MTBF	10,000H
检测速度 Inspecting Speed	≥120,000pcs/h	功率 Power	2,000W
电源电压 Voltage	220V, 50HZ	设备气源 Air Pressure	0.5MPa ~ 0.8MPa
尺寸 / 重量 Dimension/Weight	1.8 mx0.8 mx1.5 m / 150kg		
主机工作环境 Work Environment	温度: 5℃~30℃; 相对湿度: <70%RH Temperature: 5 C~30 C; Relative Humidity: <70%RH		
设备功能 Function	实现多种型号工件的外观缺陷检测 Enable to accomplish inspecting for different types workpieces of appearance defects.		
其他特点 Other Characteristics	<ul style="list-style-type: none"> • 实时显示胶囊外观质量和检测状态; • 设备故障、缺料自动报警; • 支持远程调试。 • Real-time display of detection status; • Alarm of failure and lack of materials automatically; • Support remote debugging. 		

